

### ABSTRACT OF THE DISCLOSURE

A stator for a two rotor single stator type electric motor is described. The electric motor has inner and outer rotors that are rotated independently within and around a stator upon  
5 application of current to the stator. The stator comprises a stator core including a plurality of stator teeth that are circumferentially arranged around a common axis. Each stator tooth includes a plurality of flat magnetic steel plates that are aligned along the common axis while intimately and closely contacting to one  
10 another. The stator further comprises at least one connecting ring plate that is coaxially installed in the stator core in such a manner that the ring plate is intimately put between adjacent two of the flat magnetic steel plates of each stator tooth. The ring plate is of an endless annular member.

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